

FORM PTO-1590
(REV. 10-96)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

48962-A-PCT-US/JPW/KJR

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/230111

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.
PCT/US97/12677INTERNATIONAL FILING DATE
July 18, 1997PRIORITY DATE CLAIMED
July 22, 1996

TITLE OF INVENTION COMPOUNDS THAT INHIBIT THE INTERACTION BETWEEN SIGNAL-TRANSDUCING PROTEINS AND THE GLGF (PDZ/DHR) DOMAIN AND USES THEREOF

APPLICANT(S) FOR DO/EO/US

Taka-Aki Sato and Junn Yanagisawa

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
 - A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. A substitute specification.
15. A change of power of attorney and/or address letter.
16. Other items or information:

Express Mail Certificate of Mailing bearing Label No. EM 165 675 225 US dated January 22, 1999; a Computer Diskette containing "Sequence Listing"; a statement In Accordance With 37 C.F.R. §1.821(f); copy of Assignment submitted for recordation on August 27, 1998.

U.S. APPLICATION NO. (if known, see 37 CFR 1.51)	INTERNATIONAL APPLICATION NO PCT/US97/12677	ATTORNEY'S DOCKET NUMBER 48962-A-PCT-US/JPW/KJR		
<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</p> <p>Search Report has been prepared by the EPO or JPO \$ 840.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) \$ 670.00</p> <p>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$760.00</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$ 970.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$96 .00</p>		CALCULATIONS PTO USE ONLY		
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 670.00		
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>		\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	50 - 20 =	30	X \$18.00	\$ 540.00
Independent claims	2 - 3 =	0	X \$78.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 260.00	\$
TOTAL OF ABOVE CALCULATIONS =		\$		
<p>Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).</p>		\$		
SUBTOTAL =		\$ 1,210.00		
<p>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>		\$		
TOTAL NATIONAL FEE =		\$ 1,210.00		
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</p>		+	\$	
TOTAL FEES ENCLOSED =		\$ 1,210.00		
		Amount to be: refunded	\$	
		charged	\$	
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,210.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-3125</u>. A duplicate copy of this sheet is enclosed.</p>				
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>				
<p>SEND ALL CORRESPONDENCE TO John P. White Cooper & Dunham LLP 1185 Avenue of the Americas New York, New York 10036</p>				
 SIGNATURE John P. White NAME 28,678 REGISTRATION NUMBER				

412 Rec'd PCT/PTC 22 JAN 1999

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Dkt. 48962-A-PCT-US/JPW/KJR

IN THE UNITED STATES ELECTED OFFICE (EO/US)

Applicant : Taka-Aki Sato and Junn Yanagisawa
U.S. Serial No : Not Yet Known
(U.S. National Stage of International Application No. PCT/US97/12677, filed 18 July 1997)
Filed : Herewith
For : COMPOUNDS THAT INHIBIT INTERACTION BETWEEN SIGNAL-TRANSDUCING PROTEINS AND THE GLGF (PDZ/DHR) DOMAIN AND USES THEREOF

1185 Avenue Of The Americas
New York, New York 10036
January 22, 1999

Assistant Commissioner for Patents
Washington, D.C. 20231
Box PCT

Attn.: EO/US

Sir:

EXPRESS MAIL CERTIFICATE OF MAILING
FOR ABOVE-IDENTIFIED APPLICATION

"Express Mail" mailing label number: EM 165 675 225 US
Date of Deposit: January 22, 1999

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Printed Name: Jamel Rabbah

Respectfully submitted,

John P. White

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